FLORIDA SKIP

VOL. 18, NO. 8 THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION JANUARY, 1975 Price 30c

PERFECT LAUNCH FOR OSCAR 7

Oscar 7's Launch Was Perfect, and it ended up where it was supposed to be when it was supposed to be there. Both telemetry beacons are working perfectly, and the only hitch is a marked lack of sensitivity in the 2-to-10-meter translator. The 432-MHz to 2-meter translator, on the other hand, is working much better than expected — predictions were that 350 W effective radiated power would be required for a consistent signal through it, and it's doing so well that a maximum of 80 W ERP is being requested!

A Number of European Stations have been copied in the midwest coming through the translator from 432, and despite a somewhat narrower than expected bandwidth (about 80 kHz) the efficiency is quite high. The two-meter beacon is somewhat lower in frequency than expected — despite uncertainties from doppler shift, it appears to be about 145.972 instead of 145.980 MHz. The "space-only" keying of the RTTY telemetry on the two-meter beacon is a previously unpublicized but planned-for feature — it provides a good saving in battery drain, and can be copied on most RTTY TUs with little extra effort.

The Two-To-Ten Meter Translator is a disappointment, so far. It takes a lot more signal to get into than Oscar 6, and very deep fades are frequent

(Continued on page 9)

LATE OSCAR FLASH

Walt Dixon, W4DWN,
OSCAR Reporter

Word was flashed to us at SKIP deadline time about important changes with OSCAR 7. Please pass these along to other OSCAR communicators. As of Dec. 10th Mode "A" (2 to 10 meters) will be on odd days of month and Mode "B" (70 CM to 2 meters) will be on even days. Period of rotation 114.945 mintues and Long. increment of 28.736 degrees. See you on OSCAR. SEASONS GREETINGS - Walt.

THOSE LICENSE FEES

There is quite a struggle going on within the FCC over the matter of license fees and there has been a recurrent rumor recently that the legal section of the Commission may decide that all fees are illegal. This has something to do with the concept of dual taxation — with the FCC being a federal bureau and not able to further tax the people it serves. (12-74 HOTLINE)

WR CALLS MANDATORY SOON

The FCC has stated that it will soon require that all repeaters in operation must be licensed with WR call signs. The cutoff date for this will soon be announced.

Repeater groups which have been "testing" their units should take note of this and get their license applications in quickly. Groups with "private" repeaters which hope to keep going unnoticed probably will be noticed. (12-74 HOTLINE)

TRAFFIC NETS

Net	Fqcy.....	GMT
GATOR	7090	1330
QFNE	3651	2400
QFNL	3651	0300
QFTN	3715	0200
4RNE	3567	0045
4RNL	3567	0230
5RNE	3645	0130
5RNL	3645	0330
FPTN	3940	1200
FMTN	7247	1700
TPTN	3940	2200
FAST E	3940	2300
FAST L	3940	0330
NFPN	3950	2330

FCC Bombshell

THE RESTRUCTURING BOMBSHELL HAS FINALLY ARRIVED — almost. In Report 10112, the FCC hopes that Docket 20282 will double the number of licensed amateurs over the next few years, as well as benefit the legitimate CB users by syphoning off many CB hobbyists into useful amateur participation. The final Docket will have been released by the time you read this report.

It Breaks The Amateur License Structure Into Two Series — Series A for shortwave and Series B for VHF and above. The purpose of this split is to associate operating qualifications and requirements with operating privileges.

The Break Points for the two series of licenses are 29 MHz and down for the Series A licenses and 29 MHz and up for the Series B licenses. Each individual licensee will be permitted to hold one operator license in each series. For example, an individual who is a licensed Experimenter and very active on VHF could also hold the Novice license with its severely limited privileges on the low-frequency bands.

It Proposes To Modify The Present Ten-Class Amateur License Structure by adding two additional classes. First of these is a codeless telephone license to be called the Communicator Class. This license will provide phone operating privileges above 144 MHz. Second is to be known as the Experimenter Class and will have Advanced Class type privileges above 29 MHz.

All Licenses Will Be For Five-Year Periods and all will be renewable, including Novice and the new Communicator Class. Extra Class licenses would be lifetime for the operator; however, the Extra Class station license would still have to be renewed at five-year intervals.

(Continued on page 9)

Four OSCAR-6 contingents at F.O.C. dinner Oct. 5th in London, England: L to R; G8GP, K4KQ of Miami, G3RWL-8P6DR and G3IOR. Each have heard or worked each other via OSCAR. Look for 'em on Oscar 7. (Photo by W9FKC)

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Second class postage paid at Miami, Fla. Published monthly.

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Deadline—10th of month in Box 501, Miami Springs, Fla. 33166.

Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line. —Editor

OM, Nominate your XYL for our Skip Dear Mable Award. A most unusual award. Free to members. Give her full name, your call and mailing address. —Editor.

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Skips Traveling Reporter, WB4AXF

QCWA editor Lew Sieck K4NE, 1227 - 4th St., E., St. Petersburg, FL 33706. Send all news to him by 1st of each month.

NAVY MARS, W4GDK-N0WCK (s)
NAVY MARS, WB4FSF-N0PJQ (N)
A.F. MARS, J. R. Hopkin, WB4BND

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VHF—K4GT, Tampa
OSCAR—W4DWN, Miami

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DEN, K4EBK, Miami
GN-FAA, W4EH, Sebring
FAST, K4SCL, Clearwater
FMTN, WB4AID, Lake Worth
FPTN, W4WNY

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N. Fla., W4RKH, Ft. Walton Beach
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Orlando, ARC, K4DGR
St. Pete ARC, K4WXS
Suncoast Roving Rptr., W4BAV, Sarasota
TARC, K4GT, Tampa
Tampa Repeater, WA4PTM
Jax. Range Assn., WA4CIF
Hollywood, WA4RLS
So. Fla. FM Assn., Miami, WA4IKT
N.O.F.A.R.S. WB4SCA
HARS, Tampa, WB4IQH, Tampa
Fla. SB Assn., K4WXS, St. Pete
Clearwater ARS, WB4BZF
Lake ARS, K4JDX
Palm Beach Repeater Assoc. WA4BMC
Clearwater ARS, WB4RWT
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1975 CALENDARS

SKIP, over the past many years has offered a free post-card-size 5-color calendar to its subscribers. This free offer goes again for 1975. If you would like a free 1975 calendar, send a self addressed stamped envelope.

Send to SKIP CALENDAR, Box 501, Miami Springs, FL 33166.

UPCOMING EVENTS

Miami Hamboree, Jan. 18-19

F.R.C. Meeting Miami, Jan. 18-19

ARRL Annual SET, Jan. 25-26

Vero Beach Hamfest, Feb. 15-16

FAA Reunion, Ormond Beach, Apr. 5

Orlando Hamfest, June 14-15

FRC meeting Orl., June 14-15

ARRL Field Day, June 28-29

letters *to the editor*

Editor Fla. SKIP:

Have been hearing some odd reactions to the repeater situation as it is growing. At present it is appearing to be almost as out of control as the CB band. I wonder if your central Florida or even all over Florida readers are aware that in the immediate Orlando area there are now eleven (11) that's right, 11 repeater licenses issued and active. At present only 6 of them are operating but the balance are due on very shortly, including one which is going to attempt to re-empt the frequency that Lake County, and half the United States has used happily for years — .94.

I'm beginning to hear many confirming voices that the Repeater council both ARRL and Florida have assumed an extra legal authority which is illegally appointing the two meter band amongst themselves and in their great sense of justice have "assigned" a huge total of 7 (seven) simplex frequencies for all of us to use. Isn't that large of them? If 7 couples in Orlando want to rag chew (and it is possible) we here can't find a free frequency if we want to. All we can do is call through a repeater, and of course, if we take more than 3 minutes we get timed out or told about it.

Keep this in mind — 7 simplex frequencies, to a total of 56 repeater frequencies assigned two at a time. I've had repeater men tell me if I don't like it go over to 144 to 146, but this made my back hair stand up. Recall please that very little modern equipment will cover any part of 146 to 148 Mc.

Also recall if they try to take over .94 in Lake county we may be forced to use .34 for a calling and rag chewing frequency. Our alternate emergency frequency may be changed .97 to .37. We're crystalled up.

73

Ken Aitken, W4FIQ
P.O. Box 422
Tavares, FLA. 32778

Dear Editor,

As reported in Nov. Florida Skip, Orlando repeater WR4AEL vacated 146.22-82 in deference to the Gainesville repeater as a result of Florida Repeater Council action taken in October. WR4AEL violated the Council's 150-mile co-channel requirement and since Gainesville had the older repeater, Orlando was asked to change frequency. It was a difficult decision for the Council to make and equally difficult for me to adhere to; however, I turned the Orlando repeater off immediately after the Council decision.

The 22-82 machine was built to provide Orlando with its only other repeater on a high national use frequency pair for the thousands of vacationing hams that visit each year. The frequency was chosen since it was the only available high use frequency in the Orlando area that met the 75-mile co-channel requirement of the Council at that time. The present 150-mile requirement was enacted after the repeater was on the air.

After reviewing the Council's action, I

1. Florida cannot afford the luxury of 150-mile spacing. This requirement tends toward "frequency exclusion" instead of "frequency coordination." 75-100-mile spacing would be more realistic to meet the exploding repeater population.
2. Interference between repeaters has to be defined. Higher interference levels have to be tolerated. Present repeater practices of open access, base station use and 100 watt mobiles need to be analyzed. Repeaters and their users need to become more sophisticated.
3. Council legislation and actions should be realistic and accommodating since they depend upon voluntary compliance. 150-Mile separation is not a reasonable requirement in light of impending congestion.

Because of these and other reasons, I have returned WR4AEL to the air. The Council has also been requested to review their actions of October at the January Miami Hamfest meeting.

Sincerely,

Chalmers S. Stromberg
W4WLX-WR4AEL, Orlando

Editor:

Under the heading of "EX-CALLS" please include the following:

K4TH ex W1DEH, KZ5GW

I have recently returned to the U.S.A. after retirement, and would like to take this means of notifying my many friends.

73

George W. Rae—K4TH
1008 Mark Dr.
Clearwater, Fla. 33516

Dear Andy:

The flat-top balloon dimensions for the Co-Ax antenna described in your November 1974 edition appear to be such that they act as a distributed capacity match for the feed line. Mosely's Classic 33 beam uses this system:

The best description of a double bazooka antenna has been given by Charlie Whysall, W8TV (now K4WZ) in his July 1968 QST article. His formula for determining the bazooka sections is valid for true quarter-wave stubs.

73

James A. Gundry, W4JM
2498 Echo Drive, N. E.
Atlanta, Georgia 30345

Hi, Andy:

Our neighbor, Fred Schnell, (W4CF), with his YF, Pauline and my wife and I were out for a congenial and leisurely lunch in Sarasota yesterday. Fred is in good shape, and we enjoyed hashing over old times. I'm mentioning the Schnells because they have a great many friends down here in Florida, and perhaps would appreciate news about them.

One thing, Fred was 82 years old November 22nd. Perhaps some of his friends can drop him a card. I'm sure the Schnells will appreciate that. They are still receiving cards from French hams about that 50th anniversary on below-200 meters squib in QST. Over 200 of them now, some quite long letters. One I read was received

(continued on page 14)

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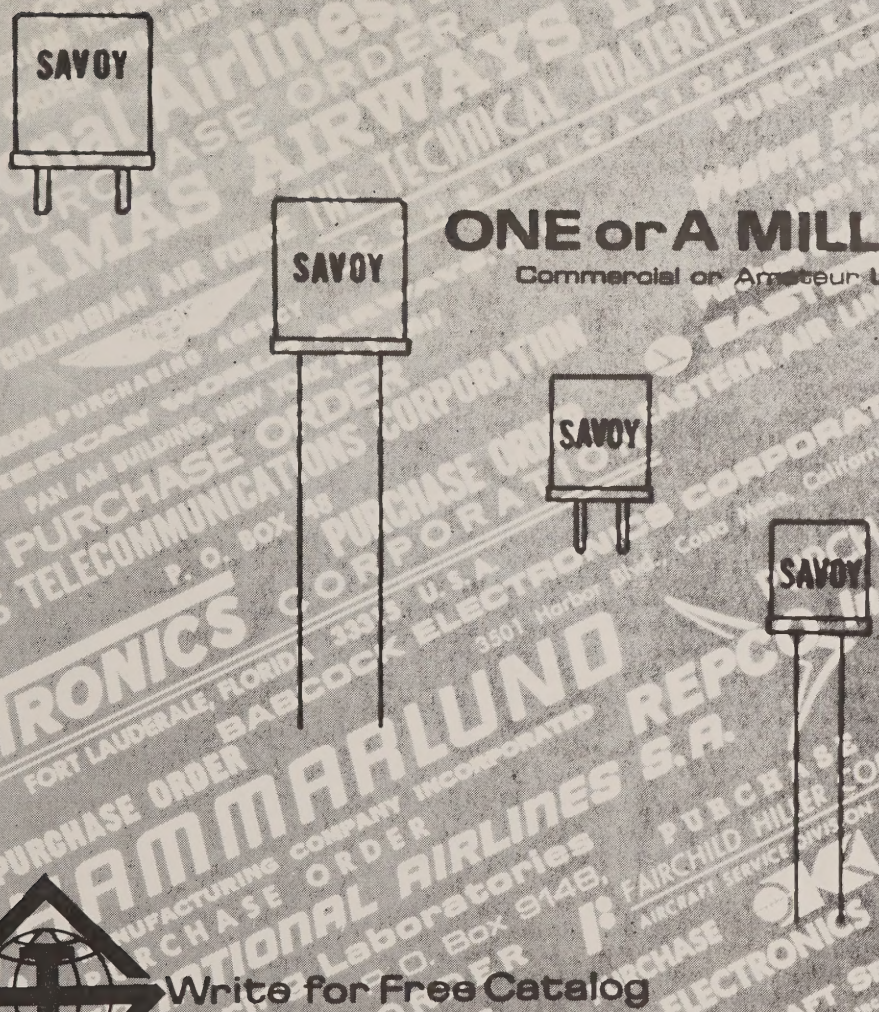

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FLORIDA SKIP is growing at a steady rate and so is its younger staff members. Back: Editor, Andy, W4IYT and Andy No. 2 (16). Middle: Anne (15), Betty, W4GGQ, Business Mgr., Nancy (13), Mary (15), Front: Joan & Jane (9). Also not in photo W4FWI & WB4FGL. Seasons Greetings to You All.

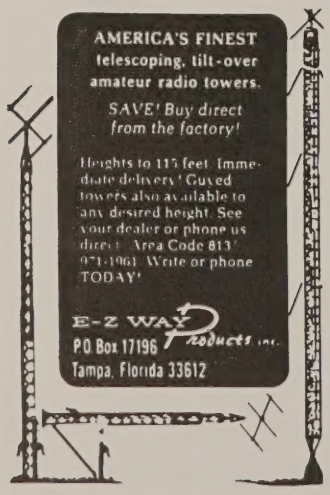
NAVY MARS — SOUTH FLORIDA

By Jim Wilson, N0WCK-W4GDK

Having found that many of our Navy MARS members are deficient in their ability to copy and send code traffic, N0SEU, George Neihley, manager of the CW net has decided to make it easier.

For the first 30 min. of the CW net (from 2200 to 2230 Z) regular message traffic is handled. Then for the next 30 min. N0SEU conducts a special training session. Some of his comments are made by voice for those who copy code very slowly. This is done on our Channel MB7 which is above 4 Mhz and is known as our 6C5C net. Any Navmars member is welcome. From the passage of drill messages he will learn a lot.

It is also interesting to Novices who might like to join Navy MARS, that they would not be required to be crystal controlled. Of course we would encourage them to participate in the CW and CW training nets so they could build up their code speed and move to a higher class license. If you would like more information, write to Area Coordinator John T. Clark, 608 Kerneywood Drive, Lakeland, Fla. 33803. Mention FLORIDA SKIP.



AIR FORCE MARS

By J. R. Hopkin Jr. WB4BND—AFC4BND

As now, I have often tried to pat someone on the back, without seemingly knocking the one who preceeded him. In the past, I've gone out of my way to praise the volunteer official being replaced. Perhaps it is a sign of our times, that when you do not heap accolades on someone's head, you thereby are condemning him by innuendo. Such is not the case now, or ever when I speak of someone doing a good job.

The case in point, is the job Alvin Levy is doing as the recently appointed head FYMON. For years, we have listened to him extoll the virtues of communicating between officials and MARS members. Now that he has been put in the position of having to ride herd on the FYMON group, I can see he practices what he preaches. So far, his correspondence to his charges has been overwhelming in both content and number. Keep up the good work, Alvin.

We in region 2 are going to try to comply with a recent directive concerning reporting for the quarter. Supposedly, we are to have ten working days in which to get the participation time into HQTRS, AFCS, when you consider the stats must first go to the net mgr., then to the ops anal mgr. then to the SMD, it makes it quite difficult to do in ten days with the uncertain mail we have today. Boy, are they going to be surprised at HQTRS when it arrives in time! Jesse, AFA4INM, has come up with an idea that will make it possible to beat the deadline.

SPRING RADIO COURSES

Hollywood Amateur Radio Club will sponsor Radio Courses in Novice and General theory starting on Tuesday, Jan. 21 at 7:30 P.M. Classes will continue for ten weeks. Location is the science lab at Chaminade High School in Hollywood.

Instructors are Jack Kressel, W4FMJ, and Les Dwyer, W4ZJX. Courses are part of the Adult education program for Broward County. Registration fee of two dollars can be paid at the school office the week of Jan. 14 between 8 A.M. and 4 P.M.

ANOTHER FIRST IN NORTHERN FLORIDA

By Gene Fillingim, WA4IZM

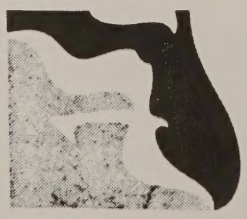
As of the first of January 1975 Pensacola will have the second 146.34 - 146.94 repeater in Florida under a WR call sign. The phasing out of .34 secondary inputs by the Florida Repeater Council has open another recognized repeater pair by ARRL to be used in Florida. The Florida Repeater Council and the Amateur Radio Relay League recognize 146.34 - 146.94 as a repeater pair.

WR4AIK PNS is Florida's second 146.34 - 146.94 repeater. It is a intra-city repeater and will cover the metropolitan area. If you do any traveling and operate two meters mobile, I am sure you will agree that the most popular repeater pair is 146.34 - 146.94. I believe that we will see and hear more .34 - .94 repeaters in the years to come in Florida.

Now the Western gate to the sunshine state, Pensacola, will welcome our tourist and all Floridans through WR4AIK PNS Florida's second 146.34 - 146.94.

ARGUS — The Florida Repeater Council's emergency repeater system — ARGUS — is still in its formative stages. Questionnaires will be sent out next month to repeaters throughout the state to seek interested groups who would be willing to participate in the ARGUS program. Guidelines for selecting ARGUS repeaters will be finished soon. These guidelines will make it incumbent upon participants to show not only a willingness but a firm foundation of technical and group support as well as wide-area repeater coverage.

The ARGUS Plan incorporates three phases: (1) "911" emergency autodialing to an area public safety agency, (2) A possible emergency-only repeater input frequency, (3) A master repeater linking system to provide state-wide repeater coverage.



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SAM ELLNER K4PZ on left receives his 50 YEAR QCWA AWARD from Everglades V.P. John Glauber W4OB. The award was made at the October chapter dinner meeting in Ft. Lauderdale. (Photo by W4JVR)

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STATE Q.C.W.A. NEWS

Edited by Lew Sieck, K4NE

TREASURE COAST CHAPTER — Meeting held at Hilltop House, Ft. Pierce with 37 members and guests for the luncheon and brief business discussion, Pres. Ike Roach, K4QM presiding. The following slate was elected for 1975: Mike Klein-WA4GUH, President; Herb Combs-W4KEB, Vice Pres.; George Russell-W8DGQ-4, Sec.-Treas. The membership was invited to attend a picnic at the QTH of the newly elected Pres. Mike Klein, who agreed to supply all the "set-ups"? (Ed's Note: Is there any better way to get the membership set-up for the new year?). The Chapter will supply the NCSs for the state-wide QCWA Net during January in this order by Sundays — K4QM, W4KEB, WA4GUH, and a fourth to be announced later. The Winter Luncheon meeting will be held in conjunction with the Treasure Coast Hamfest at Vero Beach in February. Reported by Herb Combs-W4KEB.

SUWANNEE CHAPTER — The new slate of officers with Hal Sturm-W4UCF at the helm has great hopes of keeping our activities in high gear to maintain growth. New members are welcome on the Suwannee Net each Saturday at 9 A.M. on 3940 kHz. Our NCS, Tony-W4BRZ has exhibited great finesse in keeping the net moving and interesting. Mark your calendar now for the second Bold City Hamfest at Jacksonville Beach in March 1975. To make it doubly attractive the ARRL Southeastern Division Convention will be held concurrently at the same location. Since our Chapter covers a large geographical area, meetings are held at various locations, we have no "home base". This arrangement brings the meetings closer to our members and reduces travel. If you are in the area from Pensacola to Neptune Beach, or from St. Simon's Island, Ga. to Bushnell, Fla. there will be a meeting held near you sometime throughout the year, which you should attend. Our Christmas Party on Dec. 14th was well attended and a gala affair. Reported by Mac McCullough-W4WWH.

CITRUS CHAPTER — Meeting held Dec 7th at the Hilton West, Orlando is out of step with the deadline for reporting this month. The next, our "Winter" meeting, will be held the latter part of January or early in Feb. 1975. The membership was pleased to hear that our prexy, Chalmers Stromberg-W4WLX was elected Pres. of the Orlando Amateur Radio Club. They know a good man when they see one! Congratulations Chalmers! And the Season's Greetings to all! Look forward to seeing all of you at the Winter meeting with Ken Aitken-W4FIQ presiding, tentatively scheduled for the Leesburg-Mt. Dora-Eustis area. Reported by Bill Waldo-W4PI.

GATOR CHAPTER — Christmas Party at Sweden House on Dec. 7th a big success with 127 members and guests making it the largest turnout ever. Santa was there and no comment on how much our Secretary looked the part! Each one gave one and got one, if you get the meaning. Outgoing Pres. Hal Rice-W4FOM was thanked for handling the Chapter to the liking of all, no fuss, no bother. His monthly Exec. Cmte. meetings at the "Red Lobster" took care of all the business kinks of the Chapter. Nothing fishy implied! Any member who will take an active part in lining up the programs for Chapter meetings in 1975 should approach our new Prexy, Russ Chappell-W8NC-4. There's a lot of hidden talent in our membership, so let's have some volunteers. (Ed's Note: In other words "get off your apathy!). It was announced that "Cap" Grigsby-W4MFF and K4NE had agreed to continue in their current positions as Reporter ("Scribe") and Council Representative respectively. Membership saddened to hear that Albert B. Stewart-W4SHU of Clearwater had become a Silent Key. Another member, Chan Chandler-K4BZZ is seriously ill with no visitors permitted. The "silver lining" was the announcement that Mac McSheehy-W4FPC is much improved. Now that Q.C.W.A. is a "scientific and educational organization', some members feel that our Chaplain, Father Jay May-W4WMY, should have a seat at the head table where all could hear his educational stories over the PA system. Perhaps Frank "Pappy" Shannon-K4GT could assist on the "scientific" part. Next meeting scheduled for Jan. 4th, 1975, same time and place. Season's Greetings to all! Reported by Cap Grigsby-W4MFF.

EVERGLADES CHAPTER — Meeting held Dec. 7th at Sweden House was attended by 48 members and guests. A fifty year award was presented to Distinguished Member Jim Wilson-W4GDK who held his first license 53 years ago in Chicago as 9BYK. 1975 officers elected include Wray Gillette-K4HA, Chairman; Henry Meyer-WA4TRR, Vice-Chairman; Ormand Bullis-W4PKD, Sec.-Treasurer; Directors Bill Kennedy-W2AS, Irv Weston-K4NA. Next meeting same place and time on Jan. 4th, 1975. Everglades now has 100 members, although only one year in operation. Mark Devaney-K4IDL, National Treasurer, keeps the members briefed on happenings at the National level. The Chapter will furnish NCSs for the Statewide QCWA Net during March, 1975. The Season's Greetings to all! Reported by Irv Weston-K4NA.

SUNCOAST CHAPTER — Notice! Notice! Notice! Next meeting on Jan. 8th, the second Wednesday. At the meeting held Dec. 4ththere were 93 members and guests present. Officers for 1975 were introduced and another banner year is anticipated. New President is Jim Calmer-K4ISG; Secretary Morris Brown-K4GSL; and Dale Donner-K4WR our money-holding Treasurer. A very enlightening description of the sophisticated electronics communication system of the Sarasota Fire Dept. was given by the Fire Chief of the City of Sarasota, Hal Stinchcomb-W4VPF ("Very Popular Fireman"). One of our ex-officers, Al Hiser-K4FTX became W8AUB in Columbus in 1927, went to the Windy City in 1929 with W.E. Co. as W9ENY, joined Ma Bell in '32 as W8HKQ and retired in 1968. After touring Mexico and the U.S. with his YF, Marge, he settled in Sarasota after their 3-year search for the best retirement area! How right you are,

TAMPA BAY REPEATER

By Pen Brown, WA4PTM

WR4AKV, the Pinellas County Repeater Station sponsored by the Tampa Bay Repeater Association and located atop Mease Manor in Dunedin, is scheduled to start operation on 146.37 input-146.97 output in the near future. Mort Broad, W4FR is trustee of the station. Most members of the Association on both sides of the Bay have "crystalled'up" for the new outlet. More discussion by some members of TBRA in reference to a 220 MHz repeater!

W4APV, Jim; W4DPH, Jim; WA4GCH, Bruce; W4NVV, Carroll; WA4PTM, Pen, all active almost nightly, with occasional excursions by WB4HXQ and K4IJN, on 223.4MHz. November 5 arount 10:30 in the evening, W4APV, W4DPH, WA4GCH, and WA4PTM had their round-table interrupted by a full-quieting "Break, from W4TKE, Gainsville, Florida" . . . Walt WAS full-quieting at WA4PTM's QTH in Clearwater. WA4WSO broke into the round-table at 8:35 P.M. with a strong signal from Orlando a couple of weeks later.

Nominations for a slate of officers still open for the coming year, and will remain open until election night, January 14, 1975. Several Nomination motions made and seconded at the November meeting.

December meeting of TBRA scheduled for the meeting hall at the Florida Power Company's complex in Clearwater. TBRA is looking for a new meeting place or placeS . . . membership now over 140 members and attendance at the monthly meetings is increasing.

TBRA continues to find public service activities to involve members. Project under way to correlate the emergency telephone number "911" for tuilization through the WB4HAE and WR4AKV autopatches. New 2-meter repeater reported operating in the Seminole-Larho area, sponsored by MEMBERS of TBRA, not by the Association itself. Output frequency "around 147 MHz".

WB4HAE now using new input pair: 146.16 and 146.16 input and 146.76 output. 146.34 input being "phased out".

DADE COUNTY ARPSC

By Bob, WA2CYU-4

After an extremely slow beginning this season the Corps has now made some good moves for an active winter session. Among the changes made were a revised meeting schedule and drawing up of a feasible activity program which should be of interest to all. Activities scheduled for the winter include: Repair and maintenance clinic, bring that rig that has been giving you problems, homebrew contest night, responsibility liability and insurance for the amateur, participation in S.E.T. and Carni Gras 75 with the University of Miami Amateur Radio Society, field trips and much more. All events are open to all amateurs. Listen to D.E.N. for upcoming events.

Concerning our new schedule, we will now meet the 2nd Monday of each month, 8:00 P.M. at Miami Red Cross Hdqs., 5020 Biscayne Blvd., rear entrance please. Our meeting schedule for 1975 now appears to be: Jan. 14; Feb. 11; March 11; Apr. 8; May 13; June 10; July 8; Aug. 8; Sept. 9; Oct. 4; Nov. 13; Dec. 9.

We hope the scheduled activities are of interest to you and look forward to seeing you at our next meeting. If you have any ideas or desires for future programs please let us know. We would be more than happy to run any program if we know there is an interest for it.

KEY WEST

Affiliation with ARRL and election of officers for 1975 featured the annual dinner meeting of the Key West Amateur Radio Club. Elected were:

K4URX, president; K8CQK-4, vice-president; WB4RJK, secretary-treasurer; and WB4MJE, WA4JFJ, and K4GYV, members of the executive committee — which also consists of the immediate past president, WB4WTZ, the trustee of club station (W3LL?), WA4AJV, and the elected officers.

The Canadian film "Fine Business" was shown at the annual meeting following "unveiling" of the new club charter from the ARRL. Plans also were discussed briefly for an "Operation Santa Claus" project — where in two stations, WA4CGQ on 146.94 and WA4CMF on 146.52, will "phone patch" to Santa Claus conversations from tots in kindergartens, nurserys and hospitals.

BROWARD A.R.C.

By Jim Wilson, W4GDK

As usual we are all looking forward (at deadline time) to our coming Christmas banquet on Friday, Dec. 13 at the Holiday Inn on 441 just north of Commercial Blvd. We're pleased the tickets for the banquet and the whole thing will be only $6.00 for members and families, with the Club picking up the rest of the tab. Janet Urbizu is to be congratulated for a well planned party.

There will be door prizes and lots of fun, with a Happy Hour preceding the banquet and a secret "Ham of the Year Award."

At our November meeting we were glad to welcome as new full BARC members about a dozen graduates of Bob Hill's Novice Class at Nova High School. Many had previously been Associate members of the Club. They were proud that their new licenses gained them full membership. We hope they all will now work toward their General and Advanced licenses.

Our January meeting will be held on the second Friday of the month. It will be at 7:30 P.M. at the Florida Power ⅞ Light Co. Bldg., 501 So. Andrews Ave., Ft. Lauderdale. Please use parking and door in rear. Visitors are welcome.

FLORIDORA YLS

By Cathy Soehl, W4BAV-ARNS

The annual SPARCYLS-FLORIDORA Xmas Party was held Dec. 1st, at WB4-WPZ-Martha's (Pres.) Clearwater QTH. Fourteen YLs attended to enjoy games, singing, "yacking" & plenty of goodies. Eight OMs were entertained by Flori-Daddy, WB4WWM-George. Those travelling the greatest distance were: WB4QDE-Shirley & OM, WB4QDF-Chuck Rex, of Ft. Pierce & K4JNC-Esther & OM, K4JNB-John Stuewe, of Bonita Springs. There was an exchange of gifts a& door prizes. Thanks to Martha & George for good time.

W4WPD-Shirley is "cracking the books" again, attending a private school, taking course for Medical Secretary & Doctor's Assistant. Good luck!

W4GPX-Ruth is still having to take it easy but, thanks to the Floridoras & W4WME-Bill, is back on the air with a 6er & having "a ball".

K4KUU-Maxine's phonetics for her call, (Jax. RC ran a contest for them) is "Keep Us United". Very appropriated.

WN4IWM-Lou & WN4EOB-Sally were on their regular schedule, on 15-meters, when DJ3TQ-Walt, in Muenchen, Germany,

broke in & Lou was thrilled with her first DX.

WA4SII-Cuddy is happy, as Son-Roger has recovered sufficiently to go back to work, though cannot drive yet.

WB4NYN-Micky wrote she has recovered, would spend Thanksgiving with family, flying back to Cape Coral from N.Y. Nov. 30th. Hope to hear her on the air soon.

SOCIETY OF AIRWAY PIONEERS

By Geo. Yunk

Over 100 persons met in early November for the automn 1974 reunion, the largest ever held in Florida. John Mitchell ably hosted the banquet. Between courses, jokes and anecdotes were told. John & Frances, Lois Heinrichs, Al & Jessie Lockwood were recognized for all their work in promoting the FAA reunion.

After the meal a few business matters were taken up. It was decided to hold only one reunion meeting a year, the next being April 5, 1975 at Ormond Beach. This date is the week after Easter and Passover.

On Sunday morning a buffet breakfast was served and very well attended. After breakfast we scattered to the four winds. We are all looking forward to April 5th. Plan to attend if you can. 73 George.

HOLLYWOOD AMATEUR RADIO CLUB

By Minnie Levine, WA4RLS

New location for the January meeting is the Hollywood Library located on the Civic Circle on Hollywood Boulevard. The new location is larger, air conditioned, and there is convenient parking. The overflow crowds at the meetings prompted the move. Now you can bring your YL. A presentation by the CAP on their communication system and needs will be the program.

Christmas dinner is past history with pleasant memories of good company, installation of new officers, awards and prime ribs. The OM and YL of the year were Lester Dwyer W4ZJK and Minnie Levine WA4RLS. Awards were presented to chairman for various club activities: Mall Days — Manny Henrick; Field Days — Charles Stracuzzi; Amateur Radio Week — Bob Knight; Pioneer Days — Jack Kressel; Club Net — Jack Goldstein. Homebrew contest awards went to Les Dwyer W4ZJX, Bob Patten W4OZF and Marc Fournier WN4FNZ. Tom and Joy Middleton received a special award for working from all of Florida's 67 counties.

Spring amateur radio classes start Tuesday, January 21st, 7:30 p.m. at Chaminade High School in Hollywood, in both novice and general theory.

JACKSONVILLE RANGE ASSN. INC.

By Jerry Sinclair, WA4CIF

Our December meeting was highlighted by a film supplied by ARRL titled "This is Ham Radio". The film was produced for non-amateurs and is ideal for Television broadcasts, school assemblies, even CB REACT saw the film here in Jax. this past November.

Next time you travel through Jacksonville be sure you touch up 73 and 79 on your touch-tone pad, we have a new format on our tapes.

Doug, WA4QIM showed strong support of ARRL by encouraging RANGE members to join ARRL. RANGE members voted to be affiliated with ARRL under their present standards (51 percent of club members must be ARRL members for the club to be ARRL affiliate).

It was reported to me that I omitted our at-large board members elected at the same time as our other slate of officers, they are: WA4HLP Al and K4DSN Howard.

A regular activity at our meeting will now be a door prize. Each person present receives a ticket, and if he or she desires to buy more he may purchase them at 25 cents each, neat idea, huh. . .? Well, we made some money.

Our QRM club president WB4OTZ Etwinda (pronounced Twinda) announced the Club Christmas party would be at the Arlington Roller Dome, 7:30 p.m., Tuesday, December 17. A report on that activity next month.

SARASOTA ARA

Cathy Soehl, W4BAV-ARNS

SARA members are favorably impressed with their new meeting place, Red Cross Hdq., 307 So. Orange Ave. All welcome, 3rd Tues. each month, 8 P.M. W4IE (Club Station) monitor 146.94 from 7:30 P.M. on club nights.

WB4JSZ, Newt, and WB4PXN Nesta Magnuson arrived home, from their Michigan farm, Thanksgiving. Their return was delayed a-c of hitting a deer, when it ran in front of them on a dark rainy night, as they returned to their farm.

K4GKI, Win and YF-Flo Morris' QTH was the scene of a reception, Nov. 16th, for Granddaughter, Robin, who married Jeffery Keech. Limited space prevents giving details of the elaborate affair.

W4BGO, Ben and Fran Letson sold their Sarasota home, have a home in North Carolina, where they spend their Summers. They have flown to Costa Rica for the winter and we understand Ben shipped their car and has taken his ham gear down thrre.

Welcome to our new members: K4HDY, John Kleinhenz; WA4NJY, John E. Purvis and Robert C. Spiers (no call).

Hope all had a Merry Xmas and Happy New Year and 1975 will be a banner year for SARA.

TARC NEWS

By Frank Shannon, K4GT

Our regular meeting of November 2, 1974, was presided by our Secretary, Jim Bingham, in the absence of Prexy Armin Smith. Considerable discussion of details of the coming event, Florida State Fair, to be held in early February. "Skip" Ward has assumed responsibility of acquiring the "CW" operators for W4DUG operation at the fairgrounds. Gordon Callender has volunteered to head-up the front-counter personnel. Please assist these fellows in any way you can! John Fogarty has, as usual, handled all the administrative-contract details between TARC and the management of the fair. A suggestion to use radio-teletype during the daylight hours of the fair operation was discussed. This substitute for radio-voice operation is due to the recent death of Deward Van Patten, who, down thru the years, assisted by his wife Helen, covered all the daylight hours, of the fair, from opening until 5 P.M. TARC has recieved word that Mae Burke, W3CUL, will arrange for amateur radio stations throughout USA to handle traffic generated by visitors to the fair. Thanks, Mae! Mae and her OM Al will not spend winter in Sarasota, as in previous winters, due to severe illness of Al's father.

When you read this, TARC's Xmas Dinner will have been held on December 16, 1974, at the Causeway Inn, Tampa.

73 CU NEXT SKIP!

FREE CODE & THEORY CLASSES START IN EARLY JANUARY. CONTACT FRED KIERSTEAD.

S.P.A.R.C. — ST. PETERSBURG AMATEUR RADIO CLUB

By Lew Sieck, K4NE

Christmas Party meeting on Dec. 6th huge success with 107 members and guests attending the covered dish dinner along with Santa Claus who had a gift for everyone. Election results for 1975 show John Smith, W4ACG, President; John Komp, WB4YTY, Vice-Pres.; Naomi

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LAC-1 Coax Lightning Arrestor PL-259, SO239 Each End	4.50

SPECIALS OF THE MONTH

Mini-Products Model HQ-1, 4 Band Hybrid Quad 6, 10, 15, 20 Meters Element Length 11 Ft., Boom 4½ Ft., Tuning Radius 6'2", Wt. 15 Lbs., Power Rating 1200 W PEP. Ideal for Small Area. List $94.50; Our Special 84.50

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Spence, W4TDK, Treasurer; Janice Beupre, K4IJK, Secretary. Executive Committee will be Stan Kahn, K4JBL; Art Wedde, W4BNM; and Ed Harney, K4DRN. Woody Huddleston, K4SCL reported that the Repeater is ready to operate as soon as the computer at FCC releases the license data; and that the drive to obtain funding for the equipment is now "over the top," thanks to the donations received.

On January 3rd, 1975 the club will hold its annual Installation Dinner at the Princess Martha Hotel. Lee Kanarian, K4WXS, the hard-working Chairman of the Banquet Committee, reminded the members to reserve their tickets with payment of $5.65 per plate. Send your check to her, address 6100 Gulfport Blvd. South, St. Pete 33707 to reach her by Dec. 30. There will be a Happy Hour starting at 6 P.M. with Dinner at 7 P.M. Speaker will be Ted Wayne, WB4CBP, ARRL Vice-Director for the Southeastern Divsiion. See you there!

NORTHERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH

New and renewed appts.: K4VND — ORS-OPS; WB4SKI — ORS-OPS; WB4DXN — ORS-OPS; WB4QKG — OO; K4CVO — EC for Citrus County. K4BDY, WB4BSZ, K4CFV, K4ERD, K4KXX, WB4NJI and K4RZM earned NFPN Net Certificates. WB4GHU made BPL.

Pensacola: WB4JHQ and K4LAN planning club contest activities. The Amateur Radio Gourmet Society is going strong. WA4BMU worked some good 6m DX. FFARA is considering club project of counter or keyer. WB4JCV was doing FB in SS contest until his rig went up in smoke. K4SVX sponsors ham club at Woodham H.S. The WR4ACZ receiver site has automatic switchover to batteries, plus signal to notify of power failure.

Ft. Walton: New officers of Parc are: W4MMW, W4BVE, W4RKH and WB4SFU. About 35 hams provided quick reporting of election returns using 2m FM. WB4NLV did nice job of preparing the **Relay Chatter**. New officers of the Panama City ARC are: WA4IZK, WA4AVP, WB4YKV, WA4DEN and K4AHV. W4AFT and W4GGU set up stations to work OSCAR 7.

Gainesville hams provided communications for an air show. WB4PEJ operated -4 from hospital on 2m after surgery. Another Novice class is underway at Santa Fe Jr. College, taught by WA4PWF. K4KE was honored by Fla. Sheriff's Assn. for work in setting up a ham station, WB4PHT, at the Boys' Ranch near Live Oak.

Jacksonville: WB4ANW won first prize in homebrew contest. New NOFARS officers are: WA4UFW, WB4DAD, WN4EEK, WN4FCD, WB4ANW and WB4SCA. WA4HOL made listing in "Who's Who in American High Schools."

THE FLORIDA SIDEBANDERS ASSOCIATION

By Lee L. Kanarian, K4WXS

Our thanks go to W4IZT Elmer for his talk on the status and progress of No. 911 to be used universally as a national telephone number for reporting emergencies. Also to W4SME Doc, who shared with us his experiences on the UP5 CQ-WW DXpedition he made in late October with WB4EYX Bill, W4ORT George, WA4SGF Ed and WA4DRU Al. They set up their station on Provodenciotes Island (Turks-Caicos Group) and had three days of excellent contacts on 10-160 meter bands, and had lots of fun.

To our Sec'y WB4TRI Ed, we send best wishes for a speedy recovery. At last report Ed was in Tampa General Hospital. Our President WA4BNE George, also is in a bad way, but that's because his radio shack and all his equipment was destroyed by fire, so he will be out of commission for a few weeks. Sorry about that George!

Congratulations to K4KE Dave, who has been awarded an honorary life membership by the Sheriffs' Boys Ranch for his untiring efforts in establishing their Radio Club, and his continued help.

Although W4FCP "Kris" was not a member of our Association, he will be missed on the air. Kris was a firend to all of us, especially to W4OVE, Vance, s.s. Emerg. Net Manager. When conditions necessitated Vance's absence, Kris was always there ready to fill in.

Election of Officers for the next term will take place Dec. 14 and reuults will be reported in the next issue.

SOUTH FLORIDA F.M. ASSN.

By Reid S. Edles, WA4IKT

Well, the winter season is upon us and we expect the annual influx of hams from the north. This year they will find that we have two excellent repeaters offering very good coverage from the Keys to Palm Beach County. I myself was able to work the Channel Six repeater mobile from jsut south of Boca Raton with only twenty five watts. We hope to see a greater use of this repeater as more stations become familiar with it.

By the time this article goes to press our improvements in both the receiver and transmitter of the 16-76 repeater should be complete. Most of you who use the 16-76 repeater should notice the better quality audio system that was recently installed thank to Mitch WA4CWH and Jerry WB4ENH. There should be no problem bringing up the autopatch now.

We hope that all stations using our repeaters follow our suggested repeater operating procedures.

MARCONIS MONUMENT

By Walter Bickmeyer, K4NI

Canadian Marconi Monument, dedicated by the Canadian Marconi Company to the Government and people of Newfoundland in honor of Gugliemo Marconi.

In 1901 Gugliemo Marconi selected Signal Hill for an experiment to demonstrate that signals could be transmitted by electromagnetic waves. On December 12, the letter "S" was transmitted by Morse Code from Poldhu, Cornwall in England using a kite to hold an aerial aloft. Marconi received the three faint dots on his set to make communications history. The signal had travelled 1,700 miles.

This summer the YF and I had a three months vacation trip to the northeastern part of the U.S. and Canada by auto visiting the New England States, Nova Scotia, Cape Breton Isle, Newfoundland, Prince Edward Island, New Brunswick, Gaspe Peninsula; also cruised the St. Lawrence and Sagueway Rivers. The high point of the trip was the visit to Signal Hill, St. Johns, Newfoundland. I have always wanted to see this historic park and operate mobile S.S.B. The mobile equipment was a YAESU FT-101 with Hustler 15-20-40-80- mobile whips. While in Canada operating as a (VE-1) (VE-2) (VO-1), I worked stations from Russia to California and Greenlandto South America. And most every weekday, I was in communication with the Sunshine State of Florida. The past seventy years all of the old-timers have seen the great change in communication equipment.

Old old timer, Walt Bickmeyer, K4NI of Lighthouse Point stands before famous Marconi Monument in Newfoundland. Dec. 12, 1901 the letter "S" was sent from Poldhu, Cornwall, England to Marconi on Signal Hill, a distance of 1,700 miles. It was the first crossing of electromagnetic waves across Atlantic Ocean.

PAYING PRICES FOR CALLBOOKS, in good condition, with covers intact. If callbooks are complete, but with covers missing or damaged, deduct 25%.

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1960 through 1969	$ 3
1970 to date	$ 2

Other booklets, such as NAWA, etc., are needed and will be bid on to your satisfaction. A check to cover agreed price and postage WILL BE SENT IN ADVANCE OF SHIPMENT. We have been collecting callbooks for a long time. It is our aim to establish an amateur callbook library as complete as possible. Gifts are solicited since our funds are limited. Duplicates will be sold at above prices plus postage and 25%. If you wish a copy of any callbook page, it will be sent to you at a cost of 15c plus postage. If you wish information only, it is free for the asking. If you wish to inspect the callbooks personally, they are available, at no charge, by appointment only.

Write to Ted Heithecker, 1409 Cooper Drive, Irving, Texas 75061 / W5EJ (five empty jugs!)

FCC BOMBSHELL . . .
(Continued from page 1)

Extra Class Examinations would only consist of a 20 wpm code test (it appears that an Advanced Class licensee could become an Extra under this proposal by merely passing the code test).

New Advanced And General Class Licensees would have no privileges above 29 MHz. Experimenter and Technician licensees would receive no privileges below 29 MHz, but would in the VHF spectrum be equivalent to Advanced and General Class licenses, respectively. An Extra Class licensee will have all privileges in both segments of the spectrum, and Extras would continue to have their exclusive CW sub-bands.

Present Licensees Would Be Protected, in most cases, in holding their present privileges. Thus, a present Advanced licensee could also become an Experimenter Class licensee without an additional test — though he would be required to make application for his second new "Experimenter" license. In a similar manner, a General Class licensee may also acquire a Technician Class license for VHF privileges.

Along With The New Privileges are changes in frequency, emission and power limits. The Series A (HF band) licensee privileges will be the same as at present except that Advanced Class licensees would have the same phone privileges as Extras now have. The Series B licensees would be given privileges as follows: Technicians would be authorized all frequencies above 50 MHz, thus gaining 50.0 to 50.1 and 144 to 145 MHz; the Experimenter licensees will have all frequencies above 29 MHz; and the Communicator Class licensees will be permitted to operate on all frequencies above 144 MHz.

New Emission Limitations Were Specified. Extra Class and Experimenter Class may use all classes of emission in their authorized frequency spectrum. Advanced Class may also use all permitted emissions below 29 MHz. General and Technician Classes are restricted to A1, A3 and F3 emissions. Novice Class licensees, of course, are still A1 — CW only, while the new Communicator Class would be F3 — FM only.

Power Limitations will no longer be in de input, except for Novice licensees (and possibly Communicators also) — the rest of us will be required to limit transmitter **output** in terms of peak envelope power (PEP).

The Problem Of Mail Examinations occupies the remainder of the restructuring Docket. Most significant changes are these: Conditional Class licensees who are Conditional because of distance from a regular examination poing would be considered to be temporarily licensed until such time as they can appear at a regular examining point for an FCC-given examination. In other words, their licenses would not be renewable!

To Eliminate Many Of The Abuses that have occurred during the amateur-administered examination program, Extras would now be the only ones qualified to give Advanced class "mail" exams, though Advanced Class licensees could give General and Novice tests. In a similar manner, Experimenter Class licensees could administer Technician and Communicator tests.

Finally And Very Significantly, the Commission proposes that two licensed amateurs be present during the administration of any mail examination, the second amateur to be the holder of any class of amateur license.

That Completes The Preliminary Summary. The final printed Docket is expected to be approximately 30 pages long and will undoubtedly raise more points for discussion. It should also help to clear up many of the questions which are raised by this necessarily brief and quickly prepared resume.

OBVIOUSLY WE ARE TURNING A MAJOR CORNER in the history of not only amateur licensing, but in amateur radio itself as we look at a series of proposals that can easily double the population of U.S. amateurs.

HR Report Will Be Closely Following This Whole Story for you in the weeks ahead starting with further details in the next regular **HR Report,** due on your desk just a few days from now.

Subscription Rate $12.00 per year, U.S., Canada and Mexico $15.00 per year worldwide, for 24 issues air mailed. Greenville NH 03048.

PERFECT LAUNCH
(Continued from page 1)

during its passes. The beacon is very strong, and bandwidth considerably greater than the planned 100 kHz (signals as high as 29520 kHz have been copied through it). Experiments have been going on to try and locate the cause of the insensitivity, so don't be surprised if it turns up on a "wrong' mode sometime during the next few days.

The AMSAT Phone was being manned by G3ZCZ-W3's XYL while Perry Klein took a well-needed vacation, but the arrival of a YL junior op interrupted her service. Perry should be back by the time you read this, available for consultation. (From HR REPORT)

SILENT KEYS

We are deeply sorry to record the passing of the following amateurs:

W4FCP, V.W. "Chris" Krysiak, Sebring.

W3ADK, G. Denny Marbach, Indiana, Pa.

W4BKW, Henry Bocinski, West Palm Beach.

W4EY, Ed Hannum, Indian Harbour Beach.

K4PJS, William L. Kiser, Ft. Myers.

REPEATER SOLVENT

The S.P.A.R.C. Repeater is now financially solvent. All repeater station equipment is paid for, thanks to a large, $500 donation by a commercial firm interested in helping with the community emergency preparedness aspects of this project. The donor does not want the firm's name publicized.

—73 K4SCL

"No sir, that ain't no novice rig!" These fellows knew exactly what they were looking for at the Tampa Hamfest swap tables, Nov. 17th. From nametags we see W4KC, W4LZO, ?, K4ELM. (Photo via WA4HDJ)

CQ AND NOVICE TOO

By Bill Howard-WB4NAK

Probably one of the most important considerations you should have as a novice is that of maintaining frequency control. If your transmitter VFO dial reads 7103 KHZ you should be able to assume that your transmitted signal is also on 7103 KHZ. Due to transmitter design or poor maintenance this is not always the case. In fact, it is not uncommon for a VFO dial to be several kilohertz different than the actual transmitted frequency. Let's say you tune your transmitter near the lower edge of the forty meter novice band — let's use 7103 as an example. You Zero-Beat the receiver to your signal and "heave-ho" with a good hearty "CQ" ... Hmmm, No answer ... Well, you try again ... still no answer ... Well, one more time, "CQ, CQ, CQ ..." ... Ahh! There's an answer WOW! It's not a novice either ... Oh well, you're tired of always QSO'ing with novices anyway ... Wonder what that general or higher is doing around the novice band ... Seems like he would rather be chasing DX in the lower portions of forty ... Oh well, give him a good signal report ... Name, QTH, the usual ... Now let's see what he has to say ... So, GA OM, BK to U ... K.

What's this? He says I'm a good two kilohertz out of the novice band . . . I'm on 7098 kilohertz . . . Hogwash . . . my VFO reads 7103 KHz and the receiver agrees with it . . . he probably doesn't know what he's talking about. . .

. . . .STOP RIGHT HERE!!!!

At this point it would behoove you to immediately QRT! There's no law that says you have to come up again and say thanks and CU later OM. There is however a law concerning staying within your band of frequencies — also about having the means to accurately check your frequency — independent of your transmitter. Parts 97.61 and 97.75 of the Amateur Regualtions provide penalties for repeated violation of these rules. You should have a copy of the Amateur Regulations (and be familiar with them) either from the Government Printing Office in Washington, D.C. or from the ARRL license Manual on hand. Read over these sections and you'll see that it is required that you regularly provide accurate means to assure that you will be transmitting within the limitations of your license.

This means may be as simple as a crystal calibrator in your receiver. Just zero-beat the crystal signal (the signal nearest your operating frequency) by tuning your receiver and mechanically adjust the receiver dial reading to agree with the presumed frequency of the crystal (usually 100 KHz or 25 KHz multiples). Provided that the crystal itself has not drifted off its frequency (i.e., 100 KHz, etc.) you may now zero-beat your transmitter to the same frequency as the receiver. It is very important that the receiver frequency **NOT** be changed at all after it is calibrated against the crystal calibrator! When you've zero-beated your transmitter to the receiver (by changing the transmitter VFO only) you may mechanically adjust the dial of the VFO to read the correct frequency (i.e., 7100, 7200, etc.). It is also important that you do not transmit into your antenna while adjusting the VFO.

Use a dummy load as the antenna so radiation of your signal is kept to a minimum. Transmissions on 7200 KHz for example, are out of the novice band and illegal — even for calibration purposes. Use a dummy load and play it safe. More next month. 73, NAK.

NORTHERN FLORIDA PHONE NET

Gene Fillingim
WA4IZM

The manager of the Northern Florida Phone Net is proud to announce this month that we had five stations to qualify for the Section Net Certificate. They are WB4BSZ Rob, K4CFV Bob, K4ERD Jim, WB4NJI Bill, and K4RZM Durell. In the top ten for November were K4ELH Herb and WA4GFU Lanky for a tie in first place, WB4BSZ Rob and W4WNY Lan for a tie in second place, WA4FYO Leonard, K4RZM Durell, WA4EWQ Paul, W4TXM Grace, WA4FBI Walt, WB4TVQ Roy, WB4VDM Spencer, and WA4IZM Gene. K4ELH Herb and WA4GFU Lanky, tied for Station of the month for November. As Net manager I would personally like to congratulate each of the above stations for a job well done.

Start your New Year out right by checking into your Section Net. If you live in the Northern Florida Section and like to handle traffic come and join the Northern Florida Phone Net on 3950KHz at 2330 GMT daily. We are part of the National Traffic System and maintain liaison with QFN which is an all-Florida CW Net.

As Net MANAGER I would like to wish every Net member A Merry Christmas and a Happy New Year, and looking forward to hear from you on the Northern Florida Phone Net in 1975. 59 and 73, Gene WA4IZM.

FLORIDA MIDDAY TRAFFIC NET

Al Suhr
WB4AID

We hope you had a very Merry Christmas and that the New Year will see your desires fulfilled. Our wish is that the band holds open during future sessions of FMTN. A very special thanks to Clyde, W4SDR, FMTN net manager for his leadership and skill in conducting FMTN affairs.

Heard from Jerry Rahiser several days ago and gathered some information that might interest FMTN readers. Who is he? He is K4FIJ and hails from Pompano Beach which has been his residence since 1949 — he lives there with XYL Loyce and son Jerry, Jr. who is now a student at Broward Community College where he is majoring in Business Administration. Jerry, Sr. was first to see the light of day in Elwood City, Pa. Much later he became a Route Inspector for the Postal Service from which he retired several years ago. He is 57 years of age, served in the Air Force during WWII from 1940 to 1945 and has been a licensed Amateur since 1959. In those earlier days as a Ham, Jerry did a lot of phone patching on AM from Central and South America. He was presented with a certificate of award for this public service. At present he is a relief full-time radio dispatcher for the Deerfield Police Dept. Jerry also has a retirement business of making rubber stamps, which, he claims is just above the hobby level.

During November the following stations were added to the FMTN roster: K4FIJ, Jerry of Pompano Beach; W4JZB, Fred of Holly Hill; WA4KGC, Hutch from Tallahassee; WB4VYU-4 Curtis now a student at Florida Institute of Technology in Melbourne; WA4WBM, Fred of New Port Ritchie.

FPTN STATIC

LAN HELMS
W4WNY

Another month of excellent net participation and traffic handling is now history. Several significant events occurred. None of which over shadowed the support and active participation by members of the Florida Phone Traffic Net!!

The Immokalee ham feast was an apparent huge success!! We have heard nothing but favorable comments about this get-together, and perhaps next year more of us can join in. Sorry to hear about Bob, WB4UPJ being in the hospital, but now up and around. The initial impact of getting married affects folks in different ways!!! From the attitudes and comments we have observed lately, Thanksgiving was a meaningful event to us this year and we sincerely hope all enjoyed themselves. Moderately!!!

For the record, the FPTN logged 614 check-ins during November. Traffic count increased 22 over last month and enthusiasm continues to grow. To all amateurs all over our great state, our nation and around the world, please accept our wishes for a joyous Holiday season and a king size New Year of Happiness and Health.

1975 Florida Traffic Routing Guide by WA4GBC now available — $1.50 postpaid A must. Order from WA4GBC or Florida Skip, P.O. Box 660501, Miami Springs, FL 33166

TOP TWENTY TRAFFICERS

By K4SCL & W4RKH

1.	K4AIZ	689	11.	K4VFY	144
2.	WB4GHU	524	12.	K4VND	144
3.	K4SCL	408	13.	W4SDR	143
4.	WA4GBC	354	14.	W4BM	139
5.	W4EH	318	15.	W4LDM	130
6.	W4DQS	294	16.	W4WNY	121
7.	WB4DXN	254	17.	K4SJH	117
8.	WA4FBI	237	18.	W7EM-4	111
9.	WB4AIK	168	19.	W4KIX	102
10.	W4WYR	153	20.	W4DVO	96

TRAFFIC HOUNDS

By K4SCL

Net	QNI	AVG	QTC	AVG	Sessions
QFN	662	11.0	597	10.0	60
FAST	1251	20.8	441	7.4	60
GATOR	352	11.7	370	12.3	30
FMTN	697	29.0	244	10.9	24
FPTN	614	23.6	232	8.9	26
NFPN	998	32.2	174	5.8	30
QFTN	155	5.5	84	3.0	28
TPTN	277	12.0	31	1.3	23
VEN	233	7.8	28	0.9	30

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Jacksonville, FL

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LAKE AMATEUR RADIO ASSN., INC. K4FC
Meets each Thursday 8:00 P.M. EST
Clubhouse, Springdale Ave.
Bassville Pk., between Leesburg and Tavares, Florida.
Mail to: Lake Amateur Radio Assn., Inc., K4FC
c-o Ken Aitken, W4FIQ, Sect.
1116 Lakeview Drive Tavares, Fla. 32778.
Tel.: (904) 343-4374

HILLSBOROUGH AMATEUR RADIO SOCIETY, INC. WA4GJJ
Meets 4th Tuesday, 7:30 P.M.
N. Tampa Chamber of Commerce Bldg.
8100 Nebraska Ave., Tampa
(33612) Visitors always welcome.

CLEARWATER AMATEUR RADIO SOCIETY WB4BZF
Meets 2nd and 4th Thursdays at 7:30 p.m. in the Parish Hall of the Episcopal Church of the Good Samaritan located at 2165 N.E. Coachman Rd., Clearwater.
Correspondence to: John Costello, WN4H-MB, Secy., 2120 Catalina, S., Clearwater, FL 33516.

DADE RADIO CLUB, INC.
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3280 So. Miami Avenue
Miami, Florida
Mailing address: P.O. Box 73
Biscayne Annex
Miami, Florida 33152

ST. PETERSBURG AMATEUR RADIO CLUB, INC. W4GAC
Meetings: 1st Friday
Red Cross Hq.
818 - 4th St. North
Mailing address: P.O. Box 4026
For information phone 867-0657 and 584-0984.

ORLANDO AMATEUR RADIO CLUB, INC. W4PLB
3rd Wed., 8:00 P.M.
First Federal Savings & Loan on Edgewater Drive. Mailing Address: 8024 Charlin Parkway, Orlando, Fla. 32807
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Mon. thru Thur. 7 P.M.
More info: call 277-0638

FLORIDORA YLs (W4FE)
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Mailing address:
WB4WPZ Martha Green
1568 So. Jefferson Ave.
Clearwater, FL 33516
1300 Z on 3933 Tues.

DAYTONA BEACH AMATEUR RADIO ASSOCIATION, INC., K4BV meets at 8 p.m., 3rd Monday monthly, American Red Cross, 341 White St., Daytona Beach, Florida. Mail: P.O. Box 1608, Daytona Beach, Florida 32015.

FORT MYERS AMATEUR RADIO CLUB
Meets 1st Wednesday of month at 7:30 p.m.
First Federal Savings & Loan Assn.
Pondella Road (SR-78-A)
North Fort Myers
Sec.: 641 Polk St.
Ft. Myers, Fla. 33901

TAMPA AMATEUR RADIO CLUB, INC. W4DUG
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Club House: Davis Islands, Columbia & Barbados
Mailing Address: 943 Cimmeron Ave., Tampa, Fla. 33603

WEST PALM BEACH AMATEUR RADIO CLUB, INC. W4HAW
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Southboro Station
West Palm Beach, Florida 33405
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823 Newark Street
West Palm Beach, Florida 33401
Information: Call 686-4766 or 588-1148

VERO BEACH AMATEUR RADIO CLUB - W4OT
Meets 2nd Thursday of each month at the Club headquarters and station - American Red Cross Indian River County Chapter building, 2506 - 17th Ave., Vero Beach, P.O. Box 3088 Beach Sta.
Sec'y-Treas., Don Caverly, K4GHN
2333 Indian River Blvd., Vero Beach, FL 32960

TAMPA BAY REPEATER ASSOCIATION
WB4HAE
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Ft. Walton Beach, Fla. 32548
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Meets 4th Monday at 7:30 P.M. every month except July & August. American Red Cross, 2614 Manatee Ave. W., Bradenton.
Club call K4GG, in memory of Earl W. Dannals. Mail: Secretary Rick Dove, WB4ROX, 3703 16th Ave. W., Bradenton, FL 33505

BREVARD REPEATER ASSOCIATION, INC.
WR4AFI 28-88 WR4AEG 443.8-448.8
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PALM BEACH REPEATER ASSN INC. WR4AFM
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John Fulford, WA4VPY, Sect.
Phone 686-8553 Day or 683'2971 Night.

GULF COAST AMATEUR RADIO CLUB, INC. meets 3rd Thur., 7:30 P.M. in the Community room at the Clearwater Federal Savings and Loan, Southgate Shopping Plaza on U.S. 19 at New Port Richey, Fla.
Mail to: Walter J. Allard, Sec'y.
K4HDQ; 1507 Shannon St.,
New Port Richey, Fla. 33552

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GOLD COAST FM REPEATER ASSN., INC. WR4ACV, Freq. 146.22-146.82. Mail address: P.O. Box 313, Boca Raton, FL 33432. Emergency Net meets each Thursday 7:30 p.m.

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NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ.
Meets 2nd Thursday 7:30 P.M. First Presbyterian Church, corner Ocean and Monroe, Jacksonville. Correspondence to: Svend T. Gormsen, 7288 Alana Rd., Jacksonville, FL 32211.

SOUTH FLORIDA F.M. ASSOCIATION WR4AHU, 146.160 - 146,760 and WR4AID, 146,400 - 147,000 kHz.
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KEY WEST. Visiting the Keys? Call our ham Welcome Wagon at 296-2723, or W4LLO on 146.94 FM.
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QCWA GATOR CHAPTER, Tampa Bay Area. Meets on first Saturday at 12:00 noon. Sweden House, Clearwater (north side of Highway 60, two blocks west of U.S. 19, October through May. Weekly net Saturday, 09:30 a.m., 3913 kHz. A. H. (Dave) Davis, W4GQ, Secretary, 6971 Grand Vista Way, South, St. Petersburg, Fla. 33707. Telephone (813) 347-6937.

QCWA CITRUS CHAPTER. Meetings, Orlando (Fall), Tavares (Winter), Daytona (Spring), Orlando (Hamfest) See news column for dates and places. President, W4WLX; Secy.-Treas. K4GJ.

Q.C.W.A. — SUNCOAST CHAPTER. From TAMPA south to Marco Island. Meetings are held at Davey's Locker Room, of the Windjammer Restaurant, 7100 South Trail. (U.S. 41) the 1st Wed. of each month from Oct. thru May. For info contact Bill Soehl, W4GHR, 647 Jungle Way, Sarasota, FL 33580. Phone 355-5814.

Q.C.W.A. SUWANNEE CHAPTER. Net Sat. 9 a.m. on 3940 with W4FYE NCS. W4UCF, Pres., W4FYE V.P. W4WWH Sectry., W4SZ Treas. For info write F. S. McCullough, W4WWH, Rte. 2-A, Box 236, Dunnellon, FL 32630 or use net above.

Q.C.W.A. EVERGLADES CHAPTER
Luncheon meeting 1200 Noon, First Satruday of each month October through May. See NEWS columns for dates and places, or call chairman Wray Gillette, K4HA 565-2458 or Sect-Treas. Orm Bullis, W4PKD, 763-5446 for details in Broward-Palm Beach counties.

Q.C.W.A. - SOUTHEAST CHAPTER.
Meets last Wednesday each month, 6:30 P.M., Harvey Seeds American Legion Post Hall, 6645 N.E. 7 Ave., Miami. (East of Biscayne Blvd. at 64th St.) Pres. W4GJ, V.P. K4TT. Details call 751-6146.

INDIAN RIVER AMATEUR RADIO CLUB (W4NLX)
Meets 4th Tuesday at First National Bank, Merritt Island — 7:30 P.M. Mail 928 Trinidad, Cocoa Beach, FL 32931

EVERGLADES AMATEUR RADIO CLUB INC. W4SVI
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Season's Greetings to all our SKIP members and advertisers!
May 1975 be your best yet!
—from Florida Skip staff

VHF'ERS ROOST

By Frank Shannon, K4GT

"A Stitch in your side", Yes, you will have plenty of laughter-stitches, when you read "Slang of the West" (glossary) in November issue of "QST". This "dictionary" of funny terminology, is contained in their monthly feature, "The World Above 50Mc" conducted by Bill Smith, W5TVB. Examples: "ANTLER", a (hopefully) radiating device, such as an antenna"; "BANZAI", power in excess of 6DB over a grunt"; "Crispy-Critter", to hurt, maim or destroy; to disappear in a cloud of smoke, as in I crispy-crittered my amplifier, etc. Read pages 95 and 96 for these stitches of mirth and laughter! Space aplenty is allowed this monthly feature in "QST", thus permitting full coverage of doings above 50MHZ.

TBRA: WB4SIZ, Ray, Tampa Bay Repeater Association, reports that TBRA is keeping up its public service activities. The pace is ever on the increase! When you read this column, TBRA will have supplied protective mobile communications, etc., November 16th, to a "Walk-a-thon" sponsored by Jaycees of "Town 'n Country" section of Tampa. The proceeds of these activities are donated to charity!

S.E. FLORIDA: Our correspondent, WB4OSN, Joe Picior, Margate, writes: "It looks like the 6M "DX" summer season is just about over. There has been a few quick-openings, but nothing spectacular. The September VHF DX contest was a bust here, as conditions were El-Stinko! Only a few 1's and 2's were worked on Sunday. Those who like 6M DXing and possess 10M capabilities should give a listen on 28.530 MHz during week-ends. I have been in QSO with numerous Central and South American amateurs on 10M and 15M with the objective to get them active on 6M. So, Fellas, let's promote 6M!! So, even tho' the E-layer season is about over, Don't put the 6M rig away, just yet! In the Fall and Spring there is always the possibility of some TE to South America! (Note: Joe, hope your future letters can be mailed so as to meet "deadline" here as of 6th each month.).

WB4JAI, Naples: Roland xeroxed a copy of an article "Citizens Band Radio — Trouble in the air." published in October issue of "Consumers Reports" and forwarded the copy to this column. Unfortunately our space is too limited to reproduce herein. Recommend you get a copy and read the article — it's a "Whopper-Doooo"!

FRC, FLORIDA REPEATER COUNCIL: Understand, from reading and "hearsay" that "Ole' .94" is slowly but surely drawing its last breathing as the old calling and working "simplex" frequency of 2M FM! Most manufacturers of 2M FM Xcvrs. furnish (free) xtals. for repeater combination of .34-.94. Your Scribe relaizes that output on .94 has been designated as a repeater output for long while in northern states — and has been somewhat slow in invading Florida — **HOWEVER**, PROGRESS MARCHES ON! As a little salve to ease the wound — note that Xcvr. manufacturers have included .52-.52 xtals. (free) as a simplex channel.

220 MHZ: WA4GCH, Bruce, Largo, has quite a group going on the 220 MHZ band in his area. He is looking for others to join-up — yes, with the warning, "USE IT, OR LOSE IT"!! QTH is 10823 124th Ave., N., Largo, FL. 33540. "A repeater is in planning stage," Bruce says on 22o MHZ, the antenna is really critical — and he like the KLM types of multi-element arrays.

THE PANHANDLE, FLORIDA: Our sea-going Jim, W4ROM, MM2, is on a vacation from his duties as Radio-Electronics Officer aboard the SS Marine DUVAL (WQUI). His home is in Fort Walton Beach. Welcome to newcomer to 2M FM, WB4MNK-P4. Art was born on Davis Islands, Tampa — which is, by the way, your Scribe's QTH. **FATHER & SON**, "EB, Sr. and EB, Jr. of Ft. Myers and Cape Coral, respectively, are on 2M FM and 6M SSB. K4GEW (Sr) and WB4WEI (Jr) are socking signals into Tampa Bay area with mucho gusto! W4BQ, George Haller, Napels, has returned to Florida for the winter season — from his summer place in North Carolina. George now heard on 2M FM with strong sigs into Tampa Bay area — over 150 miles! On November 6th, worked K4KAO, Bob, Venice. Bob uses a TR-22 with afterburner, putting out about 70 watts. WB4YPC, Jim, Tampa, is back on 2M FM after a long absence.

Well, Fellas, before Editor Andy gets out those big clipping shears, will QRT. Noticed that Andy and all of our QCWA members had a terrific good time at QCWA National Convention, Orlando Oct. 25 & 26 — we really enjoyed ourselves!

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LETTERS

(continued from page 2)

only last week, from a French amateur only 16 years old, who said he thought Fred didn't get enough space in that QST mention!

I told Fred and Pauline about his being mentioned by, I didn't remember exactly who, but possibly FCC Commissioner Robert E. Lee, in the course of his discussion of the background of the development of the art of radio communication.

Fred sends his regards to all his old friends through Florida SKIP.

73

Frank Borsody, K4EC
Palmetto, Fla.

Dear Andy:

I enjoy reading Florida Skip. However those writing for your fine publication should follow the following:

RULES
FOR GOOD WRITING:

1. Don't use no double negative.
2. Make each pronoun agree with their antecedent.
3. Join clauses good, like a conjunction should.
4. About them sentence fragments.
5. When dangling, watch your participles.
6. Verbs has to agree with their subjects.
7. Just between you and I, case is important, too.
8. Don't write run-on sentences they are hard to read.
9. Don't use commas, which aren't necessary.
10. Try to not ever split infinitives.
11. It's important to use your apostrophe's correctly.
12. Proofread your writing to see if you any words out.

(from THE JURY RIG
FLA. 26 Dist. 7
U.S. Coast Guard Aux.)

The preceding article was reprinted in THE BIT BUCKET, Published by the DATA SYSTEM STAFF, JAX ARTCC, HILLIARD, FLORIDA.

Also from the Bit Bucket: Knowledge comes from taking things apart. Wisdom comes from putting them together. We like the fellow who is reasonable and does things our way, and: The only place where success comes before work is in the dictionary.
(Ol' Blue.)

I hope that you enjoyed the preceding and are able to use some of it in a future Fla. Skip.

73

ED
K4MAS, Miami

Editor:

The main reasons I am writing is to let you know that PBAREC will again sponsor a special events station at the South Fla. Fair. This will start Jan. 24th and last thru Feb. 5th.

We would appreciate a plug. This station will be manned by members from the West Palm Bch. ARC. The PB Repeater assn., The goldcoasters of WPB and other AREC members from around the county. The call will be WC4SFF.

We are all looking forward to seeing everyone at the Miami Hamfest.

73

J. L. "Lu" Arendell,
WB4RLU
EC PBC AREC

HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateurs, at a rate of 50 cents for 35 words, and 5 cents a word thereafter. NO AD WILL BE PRINTED UNLESS ACCOMPANIED BY FULL REMITTANCE! Rerun ads must be resubmitted each month, no $1.00 for two insertions, etc. No Hambar accepted via telephone.

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FLORIDA SKIP, INC., Advertising Department, P.O. Box 501, Miami Springs, FL, 33166.

FOR SALE: GALAXY V transceiver, AC-35 supply, SC-35 speaker, VOX, manual calibrator, on the air. Call for sked or drop me $215.00. Ed Enos, K4DRH, 2344 Tallahassee Dr., West Palm Beach, FL 33409. Phone 305-683-8077.

FOR SALE: Collins 75S-1 receiver $350.00, mint condition. Central Electronics 20A exciter with all band VFO $40.00 excellent condition. Five 4-400 tetrodes, guaranteed $25.00 each. Hickok 5 inch scope $25.00. Walter E. Scholz K4KKW, 228 SE 43rd Terr., Cape Coral, FL 33904.

FOR SALE: DRAKE R-4 receiver and MS-4 speaker, excellent condition complete with manual $240.00. Glenn White WB4POU, 3085 Eden Mills Dr., Sarasota, FL 33580. Phone 813-366-8392.

MORE HAMBARS

EX CALLS

Learn who your old friends are.

Here is another list of EX-CALLS. Have you sent in yours? Editor.

K4TH ex W1DEH, KZ5GW.
K4ITK ex W8EFJ.
K4IXJ ex K2OGC.
W4ZQT ex 2BGG, 2FRZ.
K4IRT ex W2ZAL.
W4QC ex W3BBV.
K4KKW ex W8OYZ.
K4BLL ex W8AXQ.
K4YL ex W8PA.
K4IB ex W9KEE, WOKEE, JA2CY, DL4WN, EL2AE, K4RXG.
WA4GWD ex WA5DJR.
K4KZY ex WOFUA, W6ILT, KB6ILT, XU8RW, KA1RL.
WB4GXX ex WB5GLL.
K4YA ex W1AAC, WB4LZD, WOEKT, 9EKY.
WA4HVT ex WA6UEY.
K4KCL ex K7AAB.
K4KES ex W7HZF.
K4JRV ex K9MVR.
WB4IKQ ex WA9NAK.
WA4GSQ ex WA7LMD.
K4JRM ex K7ZVO.

WANTED: URM-25D R.F. signal generator in A-1 condition. Also Collins mechanical filter no. F-455-J-21 for Collins 75A4. FOR SALE: Collins Mechanical filter No. 455-J-60 and F 455-J-08. John R. Hinegardner K4SM, 6 W. Cove Dr., Tavares, FL 32778. Phone 904-343-5580.

FOR SALE: Heath HW-17AFM adapter, 2 meter $100.00. 2 meter ground plane $8.00. Harvey Wells bandmaster senior 2-80 meters transmitter, manual, no supply $40.00. Heath-type stereo fm-am receiver-amplifier $40.00. Hi-fi mono preamps-amplifiers, Fisher, tube type 20 watt each $15.00. Ken Raymond WB4CJF, 12301 SW 65 Ave., Miami, FL 33156. Phone 305-666-1321.

FOR SALE: NEWTRONICS 4BTV and RM-80S, 80 thru 10 meters vertical antenna, never out of carton, new cost $98.00, sell for $79.00, you pay shipping. Charles Landry K4IBJ, 7585 Bent Bow Trl., Orlando, FL 32807. Phone 305-678-1004.

FOR SALE: 2 meter Drake ML Marker luxury, 7 pair cyystals $200.00. Bird watt meter 50-150 MHz, 1 to 40 to 400 watt No. 4352 $40.00. Dynamic Block Buster for 2 meters 10 to 60 watts $50.00. All in mint condition. Fred Wittenberg WA4NJK, Box 3073, Ormond Beach, FL 32074. Phone 904-677-4486.

FOR SALE: Collins 75A4, good condition $300.00 best offer. RBH2 receiver by National, reworked by National engr., one band .3 to 1.2 MHz, four bands give continuous coverage 1.6 to 16 MHz working condition $200.00 or best offer. HW-16 good condition $85.00. Ken Maynard WB4FSQ, 370 W. 57th St., Hialeah, FL 33012. Phone 305-822-9989.

WANTED: COLLINS 30L-1 linear, mint, round emblem. SELL HW-7 QRP and power supply $60.000. Charles Harrow WB4HQG, 2081 SE 19th Ave., Pompano Beach, FL 33062. Phone 941-5231.

FOR SALE: TWO Hy-Gain 2 element quads, $125.00 each, one year old. CDR-44 rotor and indicator $40.00. Scope kit by Bell & Howell $75.00. Lon C. Brickley W4AFS, 201 SW 9th St., Pompano Beach, FL 33060. Phone 305-782-4898.

FOR SALE: National 200 with a.c. supply, good and clean $215.00. NCX-3 with a.c. supply, fine shape $200.00. I will pay shipping. Jerry Sinclair WA4CIF, 2931 Loran Dr. East, Jacksonville, FL 32216.

FOR SALE: Heath HW-32A, mike, mobile bracket, HP23, SB-600 and Gotham 2 element 20 meter beam. Best offer over $120.00 for package. Will sell units individually. Jim Hamilton W8BZY-3, HQ AFSC-SMR 273, Andrews AFB, MD 20334.

STOLEN EQUIPMENT: 1 Drake ML-2 with 20 crystals. Ser. No. 10121. Stolen in St. Petersburg Nov. 4, 1974. Contact Robert H. Strid WB4GFD, 1390 - 87th Ave. No., St. Petersburg, FL 33702.

FOR SALE: KSR-28 teletype, excellent condition $150.00. Also 4-1000A, new in carton, give offer. Nils E. Segerdahl K4UX, 6309 Lilac Pl., Sarasota, FL 33581. Phone 813-922-4483.

WANTED: Roller inductor, surplus or Johnson will be satisfactory. Also variable capacitor anything from 100 to 250 pf. Fred Bickell W4ZSB, 2422 NE 7th Pl., Ft. Lauderdale, FL 33304. Phone 305-566-6034.

FOR SALE: DRAKE T4XB transmitter with power supply and R-4B receiver. Will ship in original cartons, prepaid UPS upon receipt of $800.00. George V. Ruos W4OIY, 828 SE 10th Terr., Deerfield Beach, FL 33441. Phone 305-427-3912.

FOR SALE: Hy-gain, 8 element 2 meter beam new in unopened box $20.00. Cesco phone patch $5.00. Various types of like-new panel meters at $2.00 each. Trades accepted. Doc Garfinkel K4FH-F, 6380 SW 9th Pl., North Lauderdale, FL 33068. Phone 305-974-3666.

FOR SALE: NOVICE station, Drake 2A receiver with 10 meter novice band $150.00. Johnson Viking Challenger transmitter $35.00. Knight VFO $10.00, 7 xtals for 40-15-10 meters $2.00 each or $200.00 for all or trade for good tri-band beam and rotor. W. B. Law WN4HOH, Rt. 1, Box 412B, Leesburg, FL 32748. Phone 904-787-8248.

FOR SALE: GLOBE hi-bander 6 & 2 meter transmitter with new 6146A, very clean, perfect for working OSCAR on c.w. $28.00. Heavy duty push-up 40 foot mast $20.00. (no ship) Motorola TWIN V 6 and 12 v.d.c. 450-460 MHz xmtr-rcvr strips $10.00 each. Andy Clark, W4IYT, 41 Lenape Drive, Miami Springs, FL 33166. Phone 305-888-3874.

WANTED: Roller inductor, surplus or Johnson will be satisfactory. Also variable capacitor anything from 100 to 250 pf. Fred A. Bickell W4ZSB, 2422 NE 7th Pl., Ft. Lauderdale, FL 33304. Phone 305-566-6034.

FOR SALE: From Estate of K4AGA. Collins KWM2 transceiver, 312B4 station control, 30L1 linear, all power supplies and dummy load. All mounted in two nice wood console cabinets. $1,200.00. 25 foot tower, TA-33 beam, AR-22 rotator $125.00. Hustler mobile antenna 15-20-40-75 resonators $30.00. Art Garner WB4FCL, 2021 Australia Way W. Apt. 57, Clearwater, FL 33515. Phone 813-445-1303.

WANTED: KWM-2A without power supply also 312B5 and CC2 as separate items in mint condition. Tom Roberts K4FL, 1511 Cortez St., Coral Gables, FL 33134. Phone 305-448-3831.

TRANSFORMERS REQOUND. Jess Price, W4CLJ, 507 Raehn St., Orlando, FL 32806. Phone 305-425-7251.

FOR SALE: Echophone EC1B, 560kc thru 30 mHz, SW receiver, monitor radio 152-174 mHz. 1963 Chev car radio. 1930 ARRL Handbook Searad Marine transceiver, 5 channel, 25 watts with manual. Ed Enos K4DRH, 2344 Tallahassee Dr., West Palm Beach, FL 33409. Phone 305-683-8077.

OLD TUBES: Have a good supply UX-30 and VT-24-864 battery type with UX bases for operating old sets. Sell or trade. SASE for info. Geo. Haymans WA4NED, Box 468, Gainesville, Georgia 30501.

FOR SALE: SWAN mobile power supply 14C-117X plus Hustler antenna with 40 and 75 resonators, no base. $90.00. Carl Coleman K4WJ, 3310 N.W. 27th Ave., Gainesville, FL 32605. Phone 904-378-9566.

WANTED: OLD SETS of the 1920s. Cat-whisker crystal or battery type tube sets, buy or trade. Sent details, every letter answered. George Haymans WA4NED, Box 468, Gainesville, Georgia 30501.

FOR SALE: Clegg Zeuss Transmitter with Power supply-Modulator, very clean $200.00. Hammerlund HQ-170A, $125.00. HQ-110AC, $100.00. Hallicrafters Transmitter, like new, $45.00. Ameco TX-62, 70 watts input, $55.00. Collins R-390A, rack mount, $325.00. Collins R-388, with cabinet $300.00. Swan 500, with 117XC supply, $325.00. Gladding 2 meter power supply never used, $40.00. U ship. Don McKenzie WA4ZRX, 6420 - 5th Ave., North, St. Petersburg, FL 33710. Phone 813-345-3403.

FOR SALE: DRAKE TR4C factory modified to accept TC-6. All equipment new, 3 months ago. TR4C, MS-4, AC-4 $625.00. TC-6, SC-6, CPS-1 $285.00. Manuals and cables included. C. H. Foster K4ATW, 12257 Eldon Dr., Largo, FL 33540. Phone 813-596-0642.

FOR SALE: Brand new Bassett Vacuum trap antenna system model DGA-204075 with the famous Bassett sealed resonators and Helium filled Balun. In Original carton, if new $79.00, now $60.00. Doug Gordon, 140 NE 30th Ct., Ft. Lauderdale, FL 33334. Phone 305-564-2204.

FOR SALE: Heath HR-20 amateur band SSB AM CW receiver with regulated power supply $45.00. Heath Seneca VH-F-12 and 6 meter transmitter, 100 watts with manual $55.00. Ed Enos K4DRH, 2344 Tallahassee Dr., West Palm Beach, FL 33409. Phone 305-683-8077.

METERS: Heathkit VTVM model V-4 $16.00. Heathkit VTVM model V-7A $25.00. Eico model 221 $18.00. RCA Voltohmyst model 165 $18.00. Model 77E $25.00. Weston 982 (all battery powered) $9.00. VOM Multipurpose meters, Eico model 565 $12.00. Radio Shack meters No. 22-152)copy of Simpson 260) $25.00. No. 22-049 $10.00. No. 22-028 $10.00. All are in good condition and have test leads. Howard J. Stark, WA4MTH, 9231 Caribbean Blvd., Miami, FL 33157. Phone 305-238-6430.

FOR SALE: FPM 300 Hallicrafters finest all band transceiver. Excellent condition, 20 hours time $350.00. H. A. L'heureux K4JHZ, 4178 Tower Dr., Hudson, FL 33568. Phone 813-868-1253.

SAVE $350.00 on Robot 70A monitor, 80A camera with macrolens, model 60 fast scan monitor. Mounting plate for camera and fast scan monitor. Two menu-boards and letters, gray scale test tape. All manuals, like new $695.00. Chuck Rex WB4QDF, 601 Seaway Dr., G-24, Ft. Pierce, FL 33450. Phone 305-461-7440.

ESTATE SALE FTDX-570 transceiver model with fan. Used very little. $500.00 FOB. Clyde Mashburn W4SDR, 25 S. Halifax Ave., Daytona Beach, FL 32018. Phone 904-252-2906.

FOR SALE: Cushcraft model 147-7, 7 element beam for 2 meters, new in box $9.50. D-104C mike with G-stand, looks and sounds like new $24.00. No. 14 copperweld antenna wire 3 cents a foot. BC-221 with a.c. power supply all on 19 inch panel, no book $20.00. General Instrument converter channels 14 thru 83, TV UHF, 110 v.a.c. with antenna $10.000. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166. Phone 305-888-3874.

FOR SALE: Lampkin 105B freq meter with manual a.c. supply $50.00. New cal sticker. HP power supply, identical to Lampkin electrically, no manual $30.00. Ed Enos K4DRH, 2344 Tallahassee Dr., West Palm Beach, FL 33409. Phone 305-683-8077.

FOR SALE: DRAKE RECEIVER XTALS. Have set of 15 various frequency ranges. Complete set $30.00 postpaid. EICO Electronic Key Model 717, like new $65.00. Brown Brothers electronic paddle $15.00. AMECO 1.8 to 54 MHz nuvistor cascode preamplifier model PCL-P, with instructions, like new $25.00. Super-thin AUDIOTAPE on tempered Mylar 2400 feet ½ mil in box $2.00 per box. Have 15 boxes.

WANTED: Yeasu FT-101. State price and condition. Wally Scholz K4KKW, 228 SE 43 Terr., Cape Coral, FL 33904.

FOR SALE: Nearly new Clegg power supply Mod. 011 $70.00 and SBE SB-144 2 meter Xcvr, best offer. Trade for SWAN 250CM Xcvr. Tom Smith WB4RGQ, 542 Live Oak Ave., Daytona Beach, FL 32014. Phone 904-253-2915.

FOR SALE: Touchtone wired on face plate, only needs plug in jack and case. Mike Wahl W4NRF, 2922 Sheridan Ave., Miami Beach, FL 33140. Phone 305-531-1032.

SECOND ANNUAL TREASURE COAST HAMFEST, Vero Beach, Fla. Feb. 15 & 16, 1975. Sponsors: Vero Beach Radio Club, Inc. and St. Lucie Repeater Assn. Write Ike, K4QM, P.O. Box 3088, Vero Beach, FL 32960 for details.

ESTATE SALE OF K4GJI: Regency HR-6 FM, 3 rec. 1 xmit crystals with 4 amp Regency power supply $200.00. Hallicrafter SR-42A, 2 meter transceiver, mike, HA-26 - 2 & 6 VFO with FM adaptor $80.00. Hustler mobile 2 meter antenna $10.00. Contact Ed Metz K4FDO or XYL of the late K4GJI, 2506 Birchwood Dr., New Port Richey, FL 33552. Phone 842-1630.

SWAP: Will swap a National HRO SIXTY "D" coil set for a "C" set. Need "C" to complete 50 kHz to 30.0 MHz range. ANDY Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166.

TRUCK CB PROHIBITION?

The ICC (Interstate Commerce Commission) which regulates trucking in the U.S. has come out with a proposal to prohibit CBrigs in trucks used in interstate commerce. CBers are upset beyond all description. Manufacturers are frantic. Dealers are outraged.

Can the ICC outlaw CB radio in trucks like this? A check with the FCC indicates that they are looking into the situation. Nothing like this has ever come up before, apparently, and no one seems to know for sure — but the thinking at the FCC is that the ICC may well be able to get away with this one!

What will be the impact on CB radio? Dealers are blanching at the thought of tens of thousands of used CB radios being dumped on the market. (HOTLINE)

NOW . . . 'ALPHA' POWER
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THE NEW ALPHA 274 Continuous duty at 2+ KW PEP and a full kilowatt average, 10-80 meters. Famous **ALPHA** quality and one-cubic-foot convenience now costs little more than conventional linears that occupy up to six times as much space — and weigh more than twice as much — to do the same job! $995.

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COMING IN EARLY '75 . . . the *ne plus ultra* of them all . . . ETO's latest edition of the fabulous **ALPHA 77**. Model PA-77D, $2495.

COMMERCIAL USERS: Contact ETO for details of the high-performance, moderately-priced, six-channel PA-74C and the broadband PA-75, as well as commercial versions of the PA-77 series.

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